

CBL Scale Calculations

Using the formula from Ground Water Section Guidance No. 34:

$$A_{80} = 10^{((0.2 \log A_0) + (0.8 \log A_{100}))}$$

For Ute Tribal 31-03:

Engineering Ruler (40) Scale: 0-100mV

$A_0 = 98.0\text{mV}$, found at 2272' on the CBL

$A_{100} = 2.5\text{mV}$, found at 5304' on the CBL

$$A_{80} = 10^{((0.2 \log_{98.0}) + (0.8 \log_{2.5}))}$$

$$A_{80} = 10^{0.717}$$

$$\mathbf{A_{80}=5.21}$$